IN THE SPECIFICATION

The Examiner objected to the Abstract. Please amend the Abstract in the manner noted below. The amendment is believed to introduce no new matter.



System and methods are provided for modifying a compressed video data stream to match the available video decoding capability of a target decoder. Compressed video content can be embedded in another compressed bitstream to allow more efficient usage of available channel bandwidth. Format conversion allows flexible transmission of video content even if the original format and available decompression capabilities are mismatched.

The present invention relates to systems and methods for embedding and/or format conversion of compressed video data to match the available video decoding capability of a target decoder. The present invention also allows video content embedding of one or more compressed video data in another compressed bitstream to better use available channel bandwidth between a video content supplier and a target decoder. Embedding may be further advantageous for target digital receiver/decoders having multiple format decompression capabilities. This may allow target digital receiver/decoders having multiple format decompression capabilities to decompress the multiple compressed video bitstreams simultaneously. The present invention may also include format conversion of the video content based on the available video decoding capability of a target decoder. Format conversion allows flexible transmission of video content even when the original format and available decompression capability are mismatched.

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